

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1361	345/79,96,209,691.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 13:39
L2	1802749	el or electro-luminescen\$3 or electroluminescen\$3 or oled or led or light emitting diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 13:40
L3	373	1 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 13:40
L4	0	3 and (gate with stress\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 13:42
L5	158	3 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 13:42
L6	57	5 and (reset\$4 or blank\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 13:42
L7	21	("4866348").URPN.	USPAT	ADJ	ON	2009/06/18 13:51
L8	5425348	(frame or field or sub-frame or subframe or sub- field or sub-field)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/18 14:23

L9	7574321	(frame or field or sub-frame or subframe or sub-field or sub-field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 14:23
L10	1234	9 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 14:23
L11	146274	9 near2 (reverse or polarity or bias or invert or inversion or opposite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 14:24
L12	496	11 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 14:24
L13	283	12 and active	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 14:25
L14	401	12 and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 14:25
L15	55	12 and gate voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 14:25
L16	103	12 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 14:27
L17	4	("20020008687"   "20020050972"   "6304241"   "6924782").PN. OR ("7079125").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/18 15:07

L18	28	(US-20070080906-\$ or US-20030112231-\$ or US-20040061671-\$ or US-20030025656-\$ or US-20030058229-\$ or US-20040207615-\$ or US-20040036664-\$).did. or (US-6738034-\$ or US-7315295-\$ or US-6943501-\$ or US-6583775-\$ or US-7173612-\$ or US-6404414-\$ or US-6927766-\$ or US-7119770-\$ or US-7345685-\$ or US-6677713-\$ or US-6809481-\$ or US-7023141-\$ or US-5748165-\$ or US-7079125-\$).did. or (JP-2002091376-\$ or JP-2003241706-\$ or JP-2002175047-\$ or JP-2004118132-\$ or JP-2004170815-\$ or JP-2001060076-\$).did. or (US-20030025656-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/18 15:58
L19	5	18 and (sub-frame or subframe or sub-field or subfield)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/18 15:59
L20	0	(reverse or polarity or bias or invert or inversion or opposite) near2 driving transitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:22
L21	2	(reverse or polarity or bias or invert or inversion or opposite) with driving transitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:23
L22	2	(reverse or polarity or bias or invert or inversion or opposite) with driv\$3 transitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:23
L23	165439	(reverse or polarity or bias or invert or inversion or opposite) with gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:24
L24	15643	345/76,82,87,90,92,94,204,208,209.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:24

L25	2390	23 and (1 or L24)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:24
L26	1091	25 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:24
L27	359223	el or electro-luminescen\$3 or electroluminescen\$3 or oled or led or light emitting diode	EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:25
L28	328	27 and (sub-frame or subframe or sub-field or subfield)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:25
L29	10	(reverse or polarity or bias or invert or inversion or opposite) and 28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:27
L30	2	28 and (reset\$4 or stess\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:34
L31	0	28 and quench\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:47
L32	50028	(sub-frame or subframe or sub-field or subfield)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:55
L33	53779	sub-frame or subframe or sub-field or subfield or sub frame or sub field or sub\$1frame or sub\$1field	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:56

L34	1213	33 with inver\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:56
L35	3	34 and 27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:56
L36	365	33 and 27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:57
L37	15	(revers\$3 or polarity or bias or invert or inversion or opposite) and 36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 16:58
L41	2	("2002108264").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 17:03
L43	2	("20030057895").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 17:06
L44	2	("20030103022").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 17:09
L45	229	33 and polarity inver\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 17:31

L46	2	27 and 45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 17:31
S1	1	"10574100"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 13:53
S2	0	("200291376").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 13:55
S3	4	("2002091376").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 13:55
S4	2	("6738034").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 13:59
S5	0	("1996347753").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:06
S6	2	("6347753").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:06
S7	3	("2003241706").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:07

S8	2	("20030112231").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:07
S9	2	("2002175047").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:08
S10	3	("7315295").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:09
S11	2	("2004118132").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:14
S12	2	("20040061671").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:15
S13	2	("2004170815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:38
S14	2	("6943501").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:38
S15	0	("("20030025656"   "20030058229"   "6300929").PN.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:40

S16	6	("20030025656"   "20030058229"   "6300929").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 14:40
S17	4	("2001060076").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:51
S18	2	("6583775").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:52
S19	2	("20030058229").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/17 14:59
S20	17	((TAKAHISA) near2 (TANABE)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 15:02
S21	15623	345/76,82,87,90,92,94,204,208,209.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:10
S22	1714170	el or electro-luminescen\$3 or electroluminescen\$3 or oled or led	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:11
S23	252192	gate stress or quench\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:12
S24	39383	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:12



S25	1230266	reset\$4 or blank\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:12
S26	5723	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:12
S27	170	S26 and threshold voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:12
S28	11	S26 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:14
S29	11	("20020169575"   "20040155842"   "20050104822"   "5369338"   "5719589"   "5828181"   "5844368"   "6201520"   "6714177"   "6803729"   "6836068"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 15:20
S30	45	S24 and S21	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 15:28
S31	34	S30 not S28	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 15:29
S32	14	("5708452"   "5903246"   "5923308"   "5952789"   "5986632"   "6215244"   "6229508"   "6392620"). PN. OR ("6738034").UPRN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 15:31
S33	11646605	multiple or two or dual or equivalent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:50

S34	97625	(driver or driving or generator or generating) with (blank\$3 or reset\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:51
S35	8492	S33 with S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:51
S36	1819	S22 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:51
S37	78	S36 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 15:51
S38	9	{ "5767823"   "5814946"   "6166490"   "6195196"   "6204834"   "6340962"   "6366266"   "6587087" }. PN. OR ("6882330").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 16:07
S39	12	{ "3818484"   "4839563"   "5227696"   "5235253"   "5838289"   "5999150"   "6064158"   "6097365"   "6121943"   "6144357"   "6271812"   "6317107" }. PN. OR ("719770").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 16:37
S40	8	{ "20040207615"   "5994876"   "6035237"   "6157245"   "6369786"   "6470803"   "6522395"   "6829598" }.PN. OR ("7345685").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 16:51
S41	63243	equivalent circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 16:58
S42	1801694	el or electro-luminescen\$3 or electroluminescen\$3 or oled or led or light emitting diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 16:58

S43	11882	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 16:59
S44	1140	S43 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 16:59
S45	319	S44 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 16:59
S46	0	S45 and gate stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 16:59
S47	213	S45 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 16:59
S48	4894	reset near2 frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 17:00
S49	142	S48 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 17:00
S50	56	S49 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/17 17:00

S51	9	("20020196212"   "20030052843"   "20030146888"   "20050007318"   "6229506"   "6373454"   "6580408"   "6943501"   "6950082").PN. OR ("7358936").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:07
S52	4	("20020158829"   "20040017336"   "20050007316"   "7116058").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:23
S53	5	("6229508"   "6501466"   "6677713"   "6909242"   "6950081").PN. OR ("7116058").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:25
S54	7	("6229508"   "6501466").PN. OR ("6677713").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:35
S55	2	("6229508"   "6501466").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:40
S56	1749	315/169.1.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:43
S57	2963	315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:43
S58	4069	S56 or S57	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:43
S59	11035	stress near2 (gate or threshold or voltage)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:44
S60	20	S58 and S59	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:44
S61	7	("5552678"   "6686898").PN. OR ("6809481").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 17:48
S62	1	"6809481".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 18:01
S63	114	S58 and ((reset\$4 or blank\$4) near2 (frame or field or sub-frame or subframe or sub-field or sub-field))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 18:06
S64	23	S63 and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 18:06
S65	46494	polarity with (frame or field or sub-frame or subframe or sub-field or sub-field)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 18:14

S66	181	S65 and S68	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 18:14
S67	124	S66 and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 18:14
S68	33	S67 and reset\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 18:14
S69	6	("20020042152"   "5552678"   "6175345"   "6373455").PN. OR ("7023141").UPPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 18:21

6/18/2009 6:00:19 PM

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